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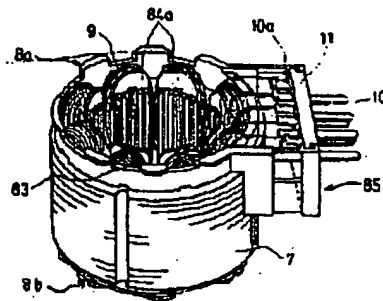
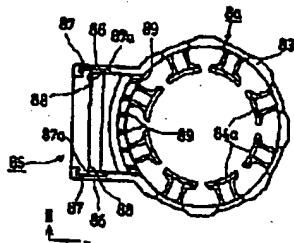
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APPLICANT : ASMO CO LTD;

INVENTOR : SHIBA NOBUO;

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TITLE : SMALL-SIZED MOTOR



ABSTRACT : PURPOSE: To miniaturize the rotor shaft direction by integrally forming an engaging section housing a block body for a terminal to one of insulators at a position inner than an end face in the axial direction of the insulators at the position of a side section in the rotor shaft direction while engaging the block body for the terminal with the engaging section.

CONSTITUTION: A stator core 7 is formed, and insulators 8a, 8b are fitted from both sides and insulated, thus forming a stator coil 9. The insulators 8a, 8b shape a pectinate engaging section fitted to teeth and slots formed inside the stator core 7, and the pectinate engaging section has an outer ring-shaped section 83a and inner ring-shaped sections 84a on one end side. An engaging section 85 is formed outside the outer ring-shaped section 83a of the insulator 8a, and a block body 11 for terminals and the terminals 10 are inserted. Extensions 9a from each winding end section are disposed among the outer ring-shaped section and the inner ring-shaped sections, and connected to the end sections of the terminals 10. The winding 9, the extensions 9a, connector sections and a housing are molded integrally with a resin and constituted.

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